

# Lukas Vashold

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Work Address: WU Vienna, Welthandelsplatz 1, 1020 Vienna, Austria

## RESEARCH INTERESTS

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Environmental economics, applied econometrics, spatial data analysis, causal inference

## EDUCATION

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**Vienna University of Economics and Business**

*since September 2020*

PhD in Economics

*expected to finish August 2025*

Working title: *Essays in Environmental Economics*

Comitee: Jesús Crespo Cuaresma, Juliano Assunção, Michael Obersteiner

**FGV EESP – Escola de Economia de São Paulo**

*September 2024 – December 2024*

Research Visit, hosted by Rafael Araujo

**University of Oxford**

*October 2023 – November 2023*

Research Visit, hosted by Michael Obersteiner

**Vienna University of Economics and Business**

*October 2017 – June 2020*

Master of Science, Economics

**Vienna University of Economics and Business**

*October 2013 - July 2017*

Bachelor of Science, Economics

Exchange semester, University College Cork

*September 2016 - December 2016*

## POSITIONS

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**Vienna University of Economics and Business**

*since September 2020*

*Teaching and Research Associate – Department of Economics*

**World Data Lab**

*since November 2021*

*Senior Data Scientist – Data Lead “World Emissions Clock”*

*Part-time (15–50%)*

**The World Bank Group**

*October 2020 – February 2022*

*Research Consultant – Environment and Natural Resources Unit*

*Part-time (50%)*

**Oesterreichische Nationalbank (OeNB)**

*March 2019 – December 2020*

*Research Assistant/Consultant – Foreign Research Division*

**Raiffeisen Bank International (RBI) AG**

*September 2017 – December 2018*

*Research assistant – Division Economics/FX/Fixed Income*

*Part-Time (50%)*

## CURRENT RESEARCH

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### Working Papers

*Mines – Rivers – Yields: Downstream Mining Impacts on Agriculture in Africa*, with M Heinze, N Kuschnig and G Pirich, Revise & Resubmit at Journal of Development Economics. WP

*Mapping Mining Areas in the Tropics from 2016–2024*, with N Kuschnig and P Sepin, Revise & Resubmit at Nature Sustainability. WP

*Heterogeneous responses of capital flows to macroprudential policies: Evidence from Central, Eastern, and Southeastern Europe*, Revise & Resubmit at Economic Modeling. WP

### Work in progress

*Slaughtering Environment and Health — Impacts of Abattoir Openings in Brazil*

*Man Eats Forest — Impacts of Agricultural Demand on Amazon Deforestation*, with N Kuschnig

*Impacts of fuel prices on air pollution – a global-scale investigation*

*The Saturated Bayesian: A Probabilistic Break Detection Framework*, with LD Konrad and J Crespo Cuaresma

*Evaluating the Effectiveness of REDD projects globally*, with LD Konrad, N Kuschnig and U Wohak

## PEER-REVIEWED PUBLICATIONS

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*A unified modelling framework for projecting sectoral greenhouse gas emissions*, with J Crespo Cuaresma, *Communications Earth & Environment*, Volume 5(139), 2024. DOI

*Resilient deforestation interventions – evidence from Brazil’s lost decade*, with N Kuschnig, A Soterioni, and M Obersteiner, *Environmental Research Letters*, 18 074039, 2023. DOI

*BVAR: Bayesian vector autoregressions with hierarchical prior selection in R*, with N Kuschnig, *Journal of Statistical Software*, Volume 100(14), 2021. DOI

*The impact of macroprudential policies on capital flows in CESEE*, with M Eller, N Hauzenberger, F Huber and H Schuberth. *Journal of International Money and Finance*, 102495, 2021. DOI

## OTHER PUBLICATIONS

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### Institutional Journals

*CESEE’s macroprudential policy response in the wake of the COVID-19 crisis*, with M Eller and R Martin, *Focus on European Economic Integration*, Q1/2021

*Macroprudential policies in CESEE – an intensity-adjusted approach*, with M Eller, R Martin and H Schuberth, *Focus on European Economic Integration*, Q2/2020

### Books, book chapters

*The economic impacts of malaria: past, present, and future*, with N Kuschnig, In: *Planetary health approaches to understand and control vector-borne diseases*, Brill / Wageningen Academic, 2023.

*Blue Skies, Blue Seas: Air pollution, marine plastics, and coastal erosion in the Middle East and North Africa*, with M Heger, A Palacios, M Alahmadi, MA Bromhead, and M Acerbi, *MENA Development Report*. The World Bank Group, 2022.

*Did macroprudential policies play a role in stabilizing the credit and capital flow cycle in CESEE?*, with M Eller and H Schuberth, In: *30 Years of Transition in Europe*, Cheltenham/Northampton: Edward Elgar, 2020.

## PRESENTATIONS

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### 2025

**EEA** 2025, European Economic Association (FRA); **EAERE** 2025, Association of Environmental and Resource Economists (NOR); **WU**, Vienna PhD workshop (AUT)

### 2024

**LACEA-LAMES** 2024, Econometric Society (URY); **CPI/PUC-Rio** 2024, Climate Policy Initiative (BRA); **FGV-EPGE** 2024, FGV-EPGE Seminar Series (BRA); **FGV-EESP** 2024, FGV-EESP Seminar Series (BRA); **ERSA** 2024, European Regional Science Association (PRT); **IAAE** 2024, International Association of Applied Econometrics (GRC); **AERE** 2024, Association of Environmental and Resource Economists (USA); **CEU**, Vienna PhD workshop (AUT); **EENR** 2024, Environmental Economics: A Focus on Natural Resources (FRA); **RES** 2024, Royal Economic Society (GBR); **CEPR-FGN**, Sustainability and Public Policy (CHE)

### 2023

**ECI**, Environmental Change Institute Seminar Series (GBR); **NOeG** 2023, Austrian Economic Association (AUT); **ERSA** 2023, European Regional Science Association (ESP); **RES** 2023, Royal Economic Society (GBR)

### 2022 and before

**WCC** 2022, Wittgenstein Centre (AUT); **AAERE** 2021, Asian Association of Environmental and Resource Economics (VNM); **EcoSta** 2021, Econometrics and Statistics (online); **useR!** 2020, R User Conference (online); **NOeG** 2020, Austrian Economic Association (AUT)

## TEACHING

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<b>Applied Econometrics (Bachelor level)</b> <i>Vienna University of Economics and Business</i>	summer terms 2021, 2023
<b>International Macroeconomics (Bachelor level)</b> <i>Vienna University of Economics and Business</i>	various terms 2021–2024
<b>Econometrics I (Master level)</b> <i>Central European University</i>	winter term 2021/22
<b>Advanced Macroeconometrics (Master level)</b> <i>Vienna University of Economics and Business</i>	summer terms 2022, 2023
<b>Spatial Economics (Master level)</b> <i>Vienna University of Economics and Business</i>	summer terms 2024, 2025

## RESEARCH GRANTS AND AWARDS

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<b>WU International Research Fellowship</b>	EUR 3,300; EUR 3,500
<b>WU Mobility Scholarship</b>	EUR 2,000
<b>Nowotny Mobility Grant</b>	EUR 1,700
<b>Hochschuljubiläumsfonds der Stadt Wien</b>	EUR 5,000
<b>Small scale Projects by WU junior faculty</b>	EUR 4,860
<b>Fellowship “Heinrich Graf Hardegg’sche Foundation”</b>	EUR 3,500